

OHIO PUBLIC WORKS COMMISSION

65 East State Street, Suite 312

Columbus, Ohio 43215

(614) 466-0880

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 6/90

CB 702

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

**APPLICANT NAME
STREET**

City of Loveland

120 West Loveland Avenue

CITY/ZIP

Loveland, Ohio 45140

**PROJECT NAME
PROJECT TYPE
TOTAL COST**

West Booster Station Expansion

Water Supply System

\$ 300,000

**DISTRICT NUMBER
COUNTY**

2

Hamilton

PROJECT LOCATION ZIP CODE

45140

02 DEC 18 P 1 : 09

FOR THE
LOCAL ENGINEER

DISTRICT FUNDING RECOMMENDATION

To be completed by the District Committee ONLY

RECOMMENDED AMOUNT OF FUNDING:

\$ 300,000.00

FUNDING SOURCE (Check Only One):

State Issue 2 District Allocation

Grant

☒ _____

Loan

Loan Assistance

State Issue 2 Small Government Fund

State Issue 2 Emergency Funds

Local Transportation Improvement Fund

FOR OPWC USE ONLY

OPWC PROJECT NUMBER: _____

OPWC FUNDING AMOUNT: \$ _____

1.0 APPLICANT INFORMATION

1.1 CHIEF EXECUTIVE
OFFICER
TITLE
STREET

Wayne Barfels
City Manager
120 West Loveland Avenue

CITY/ZIP
PHONE
FAX

Loveland, Ohio 45140
(513) 683 - 0150
(513) 683 - 6574

1.2 CHIEF FINANCIAL
OFFICER
TITLE
STREET

William Taphorn
Director of Finance
120 West Loveland Avenue

CITY/ZIP
PHONE
FAX

Loveland, Ohio 45140
(513) 683 - 0150
(513) 683 - 6574

1.3 PROJECT MGR
TITLE
STREET

James D. Akins
City Engineer
120 West Loveland Avenue

CITY/ZIP
PHONE
FAX

Loveland, Ohio 45140
(513) 683 - 7774
(513) 683 - 6574

1.4 PROJECT CONTACT
TITLE
STREET

James D. Akins, P.E.
City Engineer
120 West Loveland Avenue

CITY/ZIP
PHONE
FAX

Loveland, Ohio 45140
(513) 683 - 7774
(513) 683 - 6574

1.5 DISTRICT LIAISON
TITLE
STREET

Joseph D. Cottrill
District 2 Liaison Officer
Hamilton County Engineer's Office
138 East Court St., Room 700

CITY/ZIP
PHONE
FAX

Cincinnati, Ohio 45202
(513) 632 - 8540
(513) 723 - 9748

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional in nature, information must be consolidated for completion of this section.

2.1 **PROJECT NAME:** West Booster Station Expansion

2.2 **BRIEF PROJECT DESCRIPTION - (Sections A through D):**

A. SPECIFIC LOCATION:

The West Booster Station is located in the City of Loveland's Phillips Park, off of Rich Road. The station is located adjacent to the existing west ground storage tank.

B. PROJECT COMPONENTS:

The components of this project include expansion of the existing pump station's structure, installation of two additional booster pumps, new piping and valves, and new electrical components and instrumentation and control equipment.

C. PHYSICAL DIMENSIONS/CHARACTERISTICS: The booster station will be expanded by approximately 20 feet to house two new pumps and the modified instrumentation and control equipment. The station will be expanded at its existing location, thus no additional land will be required. Enclosed with this project information sheet is a letter from Jones & Henry Engineers indicating the estimated cost of this project.

D. DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include current residential rates based on monthly usage of 7,756 gallons per household.

The existing booster station does not have the required capacity to serve the residents. Approximately 70% of the residents in Loveland are served by this Station. The existing pumps have a firm capacity of about 900 gpm and a total capacity of approximately 1800 gpm. It is not unusual during the summer months to have daily average flows over 1500 gpm and peak flows for 3-4 hours exceeding 1800 gpm. The current situation could result in severe disruption of water service to the residents served by the Booster Station. This could include loss of pressure or total loss of flow. Should a fire or emergency occur during high demands, residents would likely see a severe cutback in water pressure or availability and fire flow would be restricted. The new pump station will have a capacity of over 2000 gpm and will allow for both exiting usage and future growth.

2.3 **REQUIRED SUPPORTING DOCUMENTATION**

(Photographs/Additional Description; Capital Improvements Report; Priority List; 5-year Plan; 2-year Maintenance of Effort report, etc.) Also discuss the number of temporary and/or fulltime jobs which are likely to be created as a result of this project. Attach Pages. Refer to accompanying Instructions for further detail.

3.0 PROJECT FINANCIAL INFORMATION

3.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	\$ N/A
	2. Final Design	\$ N/A
	3. Construction Supervision	\$ N/A
b)	Acquisition Expenses	
	1. Land	\$ N/A
	2. Right-of-Way	\$ N/A
c)	Construction Costs	\$ 260,000
d)	Equipment Costs	\$
e)	Other Direct Expenses	\$
f)	Contingencies	\$ 40,000
g)	TOTAL ESTIMATED COSTS	\$ 300,000

3.2 PROJECT FINANCIAL RESOURCES (Round to Nearest Dollar and Percent)

	Dollars	%
a)	Local In-Kind Contributions *	\$
b)	Local Public Revenues	\$
c)	Local Private Revenues	\$
d)	Other Public Revenues	
	1. ODOT	\$
	2. FMHA	\$
	3. OEPA	\$
	4. OWDA	\$
	5. CDBG	\$
	6. Other _____	\$
e)	OPWC Funds	
	1. Grant	\$
	2. Loan	\$ 300,000 100
	3. Loan Assistance	\$
f)	TOTAL FINANCIAL RESOURCES	\$ 300,000 100

* If the required local match is to be 100% In-Kind Contributions, list source of funds to be used for retainage purposes:

3.3 AVAILABILITY OF LOCAL FUNDS

Indicate the status of all local share funding sources listed in section 3.2(a) through 3.4(c). In addition, if funds are coming from sources listed in section 3.2(d), the following information must be attached to this project application:

- 1) The date funds are available;
- 2) Verification of funds in the form of an agency approval letter or agency project number. Please include the name and number of the agency contact person.

3.4 PREPAID ITEMS

Definitions:

Cost -	Total Cost of the Prepaid Item.
Cost Item -	Non-construction costs, including preliminary engineering, final design, acquisition expenses (land or right-of-way).
Prepaid -	Cost items (non-construction costs directly related to the project), paid prior to receipt of fully executed Project Agreement from OPWC.
Resource Category -	Source of funds (see section 3.2).
Verification -	Invoice(s) and copies of warrant(s) used to for prepaid costs, accompanied by Project Manager's Certification (see section 1.4).

IMPORTANT: Verification of all prepaid items shall be attached to this project application.

	<u>COST ITEM</u>	<u>RESOURCE CATEGORY</u>	<u>COST</u>
1)	_____	_____	\$ _____
2)	_____	_____	\$ _____
3)	_____	_____	\$ _____
TOTAL OF PREPAID ITEMS			\$ _____

3.5 REPAIR/REPLACEMENT or NEW/EXPANSION

This section need only be completed if the Project is to be funded by SI2 funds:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$ _____	_____ %
State Issue 2 Funds for Repair/Replacement (Not to Exceed 90%)	\$ _____	_____
TOTAL PORTION OF PROJECT NEW/EXPANSION	\$ 300,000.00	100 %
State Issue 2 Funds for New/Expansion (Not to Exceed 50%)	\$ 300,000.00	100*

*Issue 2 Loan

4.0 PROJECT SCHEDULE

	ESTIMATED START DATE	ESTIMATED COMPLETE DATE
4.1 ENGR. DESIGN	01 / 31 / 93	06 / 01 / 93
4.2 BID PROCESS	08 / 01 / 93	10 / 01 / 93
4.3 CONSTRUCTION	10 / 15 / 93	07 / 15 / 94

5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:

As the official representative of the Applicant, the undersigned certifies that: (1) he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code and 164-1 of the Ohio Administrative Code; (2) that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; (3) that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; (4) and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in this application has not begun, and will not begin, until a Project Agreement on this project has been issued by the Ohio Public Works Commission. Action to the contrary is evidence that OPWC funds are not necessary to complete this project.

IMPORTANT: In the event of a project cost overrun, applicant understands that the identified local match share (sections 3.2(a) through 3.2(c)) will be paid in full toward completion of this project. Unneeded OPWC funds will be returned to the funding source from which the project was financed.

Wayne Barfels, City Manager, City of Loveland, Ohio
Certifying Representative (Type Name and Title)
Wayne Barfels 12-17-92
Signature/Date Signed

Applicant shall check each of the statements below, confirming that all required information is included in this application:

- ☒ A five-year Capital Improvements Report as required in 164-1-31 of the Ohio Administrative Code and a two-year Maintenance of Local Effort Report as required in 164-1-12 of the Ohio Administrative Code.
- ☒ A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.
- ☒ A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.
- ☒ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and to execute contracts.
- ☒ YES
N/A A copy of the cooperation agreement(s) (for projects involving more than one subdivision or district).
- ☒ YES
N/A Copies of all invoices and warrants for those items identified as "pre-paid" in section 4.4 of this application.

6.0 DISTRICT COMMITTEE CERTIFICATION

The District Integrating Committee for District Number 2 Certifies That:

As the official representative of the District Public Works Integrating Committee, the undersigned hereby certifies: that this application for financial assistance as provided under Chapter 164 of the Ohio Revised Code has been duly selected by the appropriate body of the District Public Works Integrating Committee; that the project's selection was based entirely on an objective, District-oriented set of project evaluation criteria and selection methodology that are fully reflective of and in conformance with Ohio Revised Code Sections 164.05, 164.06, and 164.14, and Chapter 164-1 of the Ohio Administrative Code; and that the amount of financial assistance hereby recommended has been prudently derived in consideration of all other financial resources available to the project. As evidence of the District's due consideration of required project evaluation criteria, the results of this project's ratings under such criteria are attached to this application.

William W. Brayshaw, Chairman, District 2 Integrating Committee
Certifying Representative (Type Name and Title)

William W. Brayshaw 3-1-93
Signature/Date Signed



Jones & Henry Engineers, Inc.

801-B WEST 8TH STREET, CINCINNATI, OHIO 45203 • 513/421-7368
FAX • 513/421-5266

December 16, 1992

Mr. Wayne Barfels
City Manager
120 West Loveland Avenue
Loveland, Ohio 45140

SUBJECT: West Booster Station
Estimated Improvements Costs

Dear Mr. Barfels:

The purpose of this letter is to present the estimated cost to expand and improve the West Booster Station. This project would include both increasing the pumping capacity from its current firm capacity of 900 gpm, to a firm capacity of over 2,000 gpm; and modifying and improving the electrical and control systems. The costs are estimated as follows:

Expansion to Existing Building	\$ 65,000
New pump equipment	130,000
New piping and valves	35,000
New electrical and controls	<u>30,000</u>
Subtotal	\$260,000
Contingencies	<u>40,000</u>
Total	\$300,000

The above estimate was developed utilizing generally accepted engineering standards and cost estimating methods. In addition, the useful life of the project will be at least 20 years.

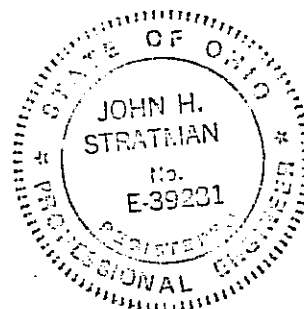
Should you have questions regarding the information contained in this letter please feel free to contact me.

Very truly yours,

JONES & HENRY ENGINEERS, INC.

John H. Stratman
Vice President

JHS/djw



A RESOLUTION AUTHORIZING THE CITY MANAGER
TO MAKE APPLICATION FOR STATE ISSUE 2 FUNDS
AND TO EXECUTE GRANT AGREEMENTS ON BEHALF
OF THE CITY

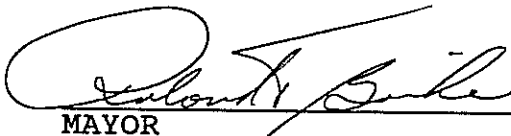
BE IT RESOLVED by the Council of the City of Loveland,
Hamilton, Clermont, and Warren Counties, Ohio:


Section 1. That the City Manager be and he is hereby
authorized to make application for State Issue 2 Funds for
the following projects:

1. Lebanon Road Street and Intersection
Improvements
2. Upgrade of the West Booster Pumping Station

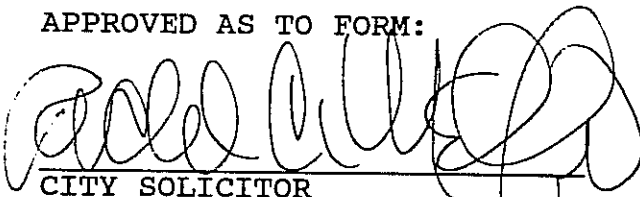
Section 2. That if grants are awarded, the City Manager
is authorized to execute agreements with the State on behalf
of the City.

Section 3. This Resolution shall take effect from and
after its passage.


MAYOR


CLERK OF COUNCIL

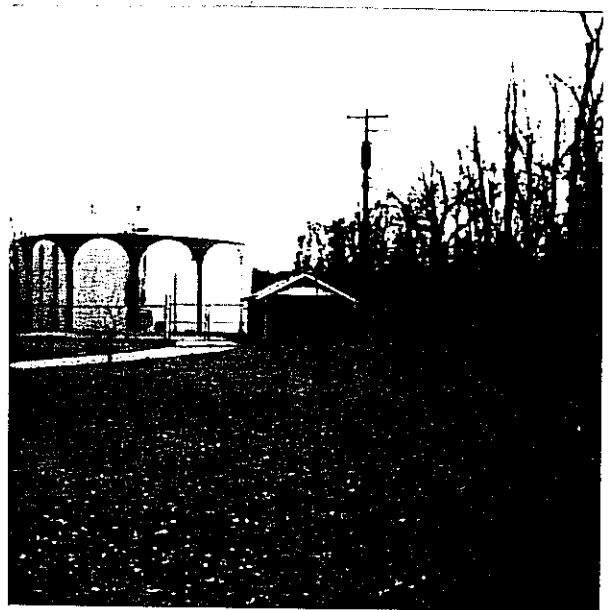
APPROVED AS TO FORM:


CITY SOLICITOR

PASSED:

12/8/92

WEST BOOSTER STATION EXPANSION
ISSUE NO. 2 APPLICATION
CITY OF LOVELAND
PICTURES OF EXISTING CONDITIONS
REFER TO PROJECT MAP FOR LOCATION



ADDITIONAL SUPPORT INFORMATION

For Fiscal Year 1994 (July 1, 1993 through June 30, 1994), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____

Poor _____

Fair X

Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

The pump station does not have the firm capacity needed to supply users of the system. This situation has become more severe over the past years as development continues. The station is about 19 years old. The station will have to be expanded in order to allow growth and to provide needed flow and pressure to existing residents that are served.

- 2) If State Issue 2 funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1993) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

 4 weeks/months (Circle one)

Are preliminary plans or engineering completed?

Yes

No

Are detailed construction plans completed?

Yes

No

Are all right-of-way and easements acquired?

Yes

No N/A

Are all utility coordinations completed?

Yes

No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. 6 weeks months from 1/1/93

- 3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, and commerce.) Please be specific and provide documentation if necessary to substantiate the data.

Expansion of the West Booster Station will allow the City to continue to provide water to approximately 70% of the residents in Loveland. Should the station not be expanded, disruption of water usage could occur. This situation is extremely critical during the summer periods when water use is at its peak.

- 4) What type of funds are to be utilized for the local share for this project?

Federal	_____	ODOT	_____	Local	_____
MRF	_____	ODNR	_____	CD	_____
Other	<u>None</u>				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1992 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

0 %

- 5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

10,000 people (3,500 homes/businesses)

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164? (This must be included with the application to be considered for funding.)

Yes _____ No _____

Will be submitted by December 31, 1992.

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This booster station will serve 70% of the residents in Loveland. Should
it not be repaired and expanded, a large portion of the residents within
Loveland will begin to see adverse water supply and pressure conditions
during peak demands.

STATE ISSUE 2 PROGRAM - ROUND 6

LTIP PROGRAM - ROUND 5

FISCAL YEAR 1994 PROJECT SELECTION CRITERIA - JULY 1, 1993 TO JUNE 30, 1994

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE JULY 17, 1992

AMENDED BY THE DISTRICT 2 INTEGRATING COMMITTEE SEPTEMBER 18, 1992

JURISDICTION/AGENCY: _____

NAME OF PROJECT: _____

TOTAL POINTS FOR THIS PROJECT: 57

NO.
POINTS

- 10 1) If Issue 2/LTIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)
- 10 Points - Will be under contract by end of 1993
 - 5 Points - Will be under contract by March 30, 1994
 - 0 Points - Will not be under contract by March 30, 1994
- 4 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.
- 20 Points - Poor Condition
 - 16 Points -
 - 12 Points - Fair to Poor Condition
 - 8 Points -
 - 4 Points - Fair Condition

NOTE: If the infrastructure is in "good" or better condition it will NOT be considered for Issue 2/LTIP funding, unless it is a betterment project that will improve serviceability.

- 3) If the project is built, what will be its effect on the facility's serviceability?

10 Points - Significant effect (e.g., widen to and add lanes along entire project)
8 Points - Moderate to significant effect
6 Points - Moderate effect (e.g., widen exist. lanes)
4 Points - Moderate to little effect
2 Points - Little or no effect (e.g., street or bridge deck rehabilitation)

- 4) How important is the project to HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

10 Points - Highly significant importance, with substantial impact on all 3 factors
8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
4 Points - Minimal importance, with noticeable impact on 1 factor
2 Points - No measurable impact

- 5) What is the overall economic health of the jurisdiction?

10 Points - Poor
8 Points -
6 Points - Fair
4 Points -
2 Points - Excellent

- 6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

5 Points - 50% or more
4 Points - 40% to 49.99%
3 Points - 30% to 39.99%
2 Points - 20% to 29.99%
1 Point - 10% to 19.99%

- 0 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban
3 Points - Partial or moderate ban
0 Points - No ban of any kind

- 5 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 10,000 or more
4 Points - 7,500 to 9,999
3 Points - 5,000 to 7,499
2 Points - 2,500 to 4,999
1 Point - 2,499 and under

- 4 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic. functional classification. size of service area. number of jurisdictions served, etc.

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an Interstate, Federal - Aid Primary routes)
4 Points -
3 Points - Moderate impact (e.g., principal thoroughfares, Federal - Aid Urban routes)
2 Points -
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

- 1 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above
1 Point - One of the above
0 Points - None of the above

**ADDENDUM TO THE RATING SYSTEM
DEFINITIONS**

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

- 1) Median per capita income
- 2) Per capita assessed valuation of the total community real estate and personal property
- 3) Poverty indicators
- 4) Effective tax rates
- 5) Total corporate debt as a percentage of assessed valuation
- 6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

- | | |
|-------------------|--|
| Major impact - | Primary water or sewer main serving an entire system |
| Moderate impact - | Waterline or storm sewer serving only part of a system |
| Minimal impact - | Individual waterline or storm sewer not part of a system |